



United States Department of Agriculture
Risk Management Agency

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2005 COMMODITY INSURANCE FACT SHEET

Cotton-Crop Revenue Coverage Virginia

Crop Revenue Coverage (CRC) provides revenue protection against a decline in market prices as well as a shortfall in production. Under CRC, the guarantee is in dollars. A loss situation arises when the dollar value of your production falls below the final dollar guarantee. CRC provides protection whether prices are rising or falling:

- In a year of rising prices (such as 2002 or 2003), production shortfalls are compensated at the higher market-based harvest price. This is important if any lost production must be replaced at higher market prices for on-farm feeding or to fulfill delivery on a forward contract;
- In years of falling prices, your minimum guarantee ensures that you will receive a pre-determined amount of income per acre, regardless of yields or prices.

Causes of Loss

CRC provides protection against unavoidable loss of revenue due to the following causes in the insurance period:

Adverse weather conditions¹
Failure of irrigation water supply²
Fire
Harvest price less than base price
Insects³
Plant disease³
Wildlife

¹Natural perils such as hail, frost, freeze, wind, drought, and excess moisture. ²If caused by an insured peril. ³But not damage due to insufficient or improper application of recommended control measures.

Insurance Period

Coverage usually begins when the insured crop is planted and ends the earliest of: (1) destruction of the crop, (2) harvest of the crop, (3) abandonment of the crop, (4) final adjustment of a loss, (5) December 31 following planting.

Important Dates

Sales Closing March 15, 2005

Note: Final planting and acreage reporting dates vary by county. Consult a crop insurance agent for specific dates in your county.

Definitions

Coverage Level—Levels of protection available are from 50 to 85 percent of approved average yield

Base Price—The price used to calculate the minimum guarantee and the premium is based on the December 2005 New York Cotton Exchange (NYCE) futures average daily price during the period January 15—February 14, 2005.

Minimum Guarantee—The guaranteed minimum dollar protection is the average yield X base price X coverage level percent:

Example: 800 pounds per acre X \$.60 X 75 percent = \$360 per acre minimum guarantee

Harvest Price—The price used to determine calculated revenue and harvest guarantee is based on the December 2005 NYCE futures average daily price during November 2005.

Harvest Guarantee—Average yield X harvest price X coverage level percent:

Example: 800 pounds per acre produced X \$.50 X 75 percent = \$300 per acre harvest guarantee

Calculated Revenue—Value of your actual production determined by pounds produced X harvest price:
Example: 200 pounds per acre produced X \$.50 = \$100 per acre calculated revenue

Note: The actual price you receive for selling your crop is **not** a factor in CRC calculations.

Final Guarantee— Higher of the minimum or harvest guarantee.

Note: Your premium will **not** increase if final guarantee is higher than the minimum guarantee.

Indemnity—Final guarantee - calculated revenue

Example: \$360 — \$100 = \$260 indemnity

Price Elections

Year	State	Base Price	Harvest Price
2004	NC & VA	.68	.46
2003	NC & VA	.59	.73

Insurance Units

Your insurable acreage is grouped into a unit based on your selection of one of the following unit arrangements.

Basic Unit: A basic insurance unit includes all of your cotton acreage in the county by share arrangement. For example, the cotton acreage on your own farm (including land cash rented) would be one basic unit, while other land on shares with someone else would be a second basic unit. Premiums are reduced 10 percent for a basic unit.

Optional Units: If a basic unit consists of two or more farm serial numbers (FSN) and certain record-keeping criteria are met, you may select optional units by FSN. The 10-percent basic unit premium discount will not apply.

Enterprise Unit: An enterprise unit combines all your cotton in the county into one county-wide unit, regardless of ownership, share, or rental arrangement. A varying premium discount will apply, based upon the number of insured acres. You must qualify for two or more basic/optional units in order to be eligible for an enterprise unit.

Loss Example

This example assumes average yield of 800 pounds per acre, base price of \$.68, harvest price of \$.50, 200 pounds per acre production-to-count, 65-percent coverage level.

800	Pounds per acre approved yield
x .65	Coverage level
520	Pounds per acre guarantee basis
x .68	Base price per pound
\$354	Minimum guarantee per acre

If harvest price is \$.50 per lb, then the harvest guarantee would be \$260 (520 pounds per acre X \$.50 = \$260 per acre)

\$354	Final guarantee per acre (greater of minimum or harvest guarantee)
— 100	Calculated revenue (200 pounds per acre produced X \$.50 harvest price)
254	Indemnity per acre
— 9	Approximate cost per acre
\$245	Net indemnity per acre

Note: In most years, the harvest price is less than the base price; thus, the harvest guarantee will usually be less than the minimum guarantee. Occasionally, the harvest price may be greater than the base price (as in 2002 and 2003), resulting in the harvest guarantee becoming the final guarantee.

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